

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/902,736

DATE: 12/07/2001

TIME: 17:57:15

Input Set : N:\Crif3\RULE60\09902736.txt

Output Set: N:\CRF3\12072001\I902736.raw

3 <110> APPLICANT: Genentech, Inc.
4 Ashkenazi, Avi
5 Botstein, David
6 Desnoyers, Luc
7 Eaton, Dan L.
8 Ferrara, Napoleone
9 Filvaroff, Ellen
10 Fong, Sherman
11 Gao, Wei-Qiang
12 Gerber, Hanspeter
13 Gerritsen, Mary E.
14 Goddard, A.
15 Godowski, Paul J.
16 Grimaldi, Christopher J.
17 Gurney, Austin L.
18 Hillan, Kenneth, J.
19 Kljavin, Ivar J.
20 Mather, Jennie P.
21 Pan, James
22 Paoni, Nicholas F.
23 Roy, Margaret Ann
24 Stewart, Timothy A.
25 Tumas, Daniel
26 Williams, P. Mickey
27 Wood, William, I.
29 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
30 Acids Encoding the Same
32 <130> FILE REFERENCE: 10466-14
34 <140> CURRENT APPLICATION NUMBER: 09/902,736
35 <141> CURRENT FILING DATE: 2001-07-10
37 <150> PRIOR APPLICATION NUMBER: 09/665,350
38 <151> PRIOR FILING DATE: 2000-09-18
40 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
41 <151> PRIOR FILING DATE: 2000-02-22
43 <150> PRIOR APPLICATION NUMBER: US 60/143,048
44 <151> PRIOR FILING DATE: 1999-07-07
46 <150> PRIOR APPLICATION NUMBER: US 60/145,698
47 <151> PRIOR FILING DATE: 1999-07-26
49 <150> PRIOR APPLICATION NUMBER: US 60/146,222
50 <151> PRIOR FILING DATE: 1999-07-28
52 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
53 <151> PRIOR FILING DATE: 1999-09-08
55 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944
56 <151> PRIOR FILING DATE: 1999-09-13
58 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090
59 <151> PRIOR FILING DATE: 1999-09-15
61 <150> PRIOR APPLICATION NUMBER: PCT/US99/21547

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65 <151> PRIOR FILING DATE: 1999-10-05
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70 <150> PRIOR APPLICATION NUMBER: PCT/US99/28313
71 <151> PRIOR FILING DATE: 1999-11-30
73 <150> PRIOR APPLICATION NUMBER: PCT/US99/28564
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104 tggagctccg gctgcgtctt cccgcagcgc taccgcccat gcgcctgccg 150
106 cgccggggccg cgtgggggct cctgccgctt ctgctgctgc tgccgcccgc 200
108 gccggaggcc gccaaagaagc cgacgccctg ccaccgggtg cgggggctgg 250
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120 gaagacactg aaagtgtgct gctctccagg aacctacggt cccgactgtc 550
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150 gtggccctga ggatgccgtc tctgcagtg gacagcggcg gggagaggct 1300
154 gctgtctctc taacggttga ttctcatttg tcccttaaac agctgcattt 1350
156 cttggttggt cttaaacaga cttgtatatt ttgatacagt tctttgtaat 1400
158 aaaattgacc attgtaggta atcaggagga aaaaaaaaaa aaaaaaaaaa 1450
160 aaagggcggc cgcgactcta gagtcgacct gcagaagctt ggccgccatg 1500
162 gcccaacttg tttattgcag cttataatgg ttacaaataa agcaatagca 1550
164 tcacaaatth cacaataaaa gcattttttt cactgcattc tagttgtggt 1600
166 ttgtccaaac tcatcaatgt atcttatcat gtctggatcg ggaattaatt 1650
168 cggcgcagca ccatggcctg aaataacctc tgaaagagga acttggttag 1700
170 gtaccttctg aggcggaaaag aaccagctgt ggaatgtgtg tcagttaggg 1750
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174 ctcaattagt cagcaaccga gtttt 1825

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176 <210> SEQ ID NO: 2

177 <211> LENGTH: 353

178 <212> TYPE: PRT

179 <213> ORGANISM: Homo Sapien

181 <400> SEQUENCE: 2

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186           20           25           30
188 Cys His Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met
189           35           40           45
191 Val Asp Thr Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp
192           50           55           60
194 Glu Glu Lys Thr Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu
195           65           70           75
197 Leu Glu Ile Leu Glu Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys
198           80           85           90
200 Asn Gln Met Leu Glu Ala Gln Glu Glu His Leu Glu Ala Trp Trp
201           95          100          105
203 Leu Gln Leu Lys Ser Glu Tyr Pro Asp Leu Phe Glu Trp Phe Cys
204          110          115          120
206 Val Lys Thr Leu Lys Val Cys Cys Ser Pro Gly Thr Tyr Gly Pro
207          125          130          135
209 Asp Cys Leu Ala Cys Gln Gly Gly Ser Gln Arg Pro Cys Ser Gly
210          140          145          150
212 Asn Gly His Cys Ser Gly Asp Gly Ser Arg Gln Gly Asp Gly Ser
213          155          160          165
215 Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu Cys Thr Asp Cys
216          170          175          180
219 Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr His Ser Ile
220          185          190          195
222 Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly Leu Thr
223          200          205          210
225 Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp Glu
226          215          220          225
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229          230          235          240
231 Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr
232          245          250          255
234 Cys Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly
235          260          265          270
237 Pro Gly Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His
238          275          280          285
240 Gly Gln Cys Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr
241          290          295          300
243 Cys Val Arg Lys Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr
244          305          310          315
246 Val Cys Val Cys Pro Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys
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250          335          340          345
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253          350
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256 <211> LENGTH: 2206
257 <212> TYPE: DNA
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263 tagagatccc tcgacctcga cccacgcgtc cgccaggccg ggaggcgacg 100
265 cgcccagccg tctaaacggg aacagccctg gctgagggag ctgcagcgca 150
267 gcagagtatc tgaocggcgc aggttgcgta ggtgcggcac gaggagtttt 200
269 cccggcagcg aggaggtcct gagcagcatg gcccgaggga gcgccttccc 250
271 tgccgcgcgc ctctggetct ggagcatcct cctgtgcctg ctggcactgc 300
273 gggcgagggc cgggcgcgcg caggaggaga gcctgtacct atggatcgat 350
275 gctcaccagg caagagtact cataggattt gaagaagata tcttgattgt 400
277 ttcagagggg aaaatggcac cttttacaca tgatttcaga aaagcgcac 450
279 agagaatgcc agctattcct gtcaatatcc attccatgaa ttttacctgg 500
281 caagctgcag ggcaggcaga atacttctat gaattcctgt ccttgcgctc 550
284 cctggataaa ggcacatcag cagatccaac cgtcaatgtc cctctgctgg 600
286 gaacagtgcc tcacaaggca tcagttgttc aagttggttt cccatgtctt 650
288 ggaaaacagg atggggtggc agcatttgaa gtggatgtga ttgttatgaa 700
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292 aaacatgtca acaagctgag tgcccaggcg ggtgccgaaa tggaggcttt 800
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296 ctgtgagaaa gccctttgta cccacgatg tatgaatggg ggactttgtg 900
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300 gacaaagcaa actgctcaac cacctgcttt aatggaggga cctgtttcta 1000
302 ccctggaaaa tgtatttgcc ctccaggact agagggagag cagtgtgaaa 1050
304 tcagcaaatg cccacaaccc tgcgaaatg gaggtaaatg cattggtaaa 1100
306 agcaaatgta agtggtccaa aggttaccag ggagacctct gttcaaagcc 1150
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310 aatgccaatg tcaagaaggt tggcatggaa gacactgcaa taaaaggtac 1250
312 gaagccagcc tcatacatgc cctgaggcca gcaggcgccc agctcaggca 1300
314 gcacacgcct tcacttaaaa aggccgagga gcggcgggat ccacctgaat 1350

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Input Set : N:\Crif3\RULE60\09902736.txt

Output Set: N:\CRF3\12072001\I902736.raw

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316 ccaattacat ctggtgaact cgcacatctg aaacgtttta agttacacca 1400
318 agttcatagc ctttgttaac ctttcatgtg ttgaatgttc aaataatggt 1450
320 cattacactt aagaatactg gcctgaattt tattagcttc attataaatc 1500
322 actgagctga tatttactct tccttttaag ttttctaagt acgtctgtag 1550
324 catgatggtg tagattttct tgtttcagtg ctttgggaca gattttatat 1600
326 tatgtcaatt gatcagggtt aaattttcag tgtgtagttg gcagatattt 1650
328 tcaaaattac aatgcattta tgggtgtctg gggcagggga acatcagaaa 1700
330 gggttaaattg ggcaaaaatg cgtaagtcac aagaatttgg atggtgcagt 1750
332 taatgttgaa gttacagcat ttcagatttt attgtcagat atttagatgt 1800
334 ttgttacatt tttaaaaatt gctcttaatt tttaaactct caatacaata 1850
336 tattttgacc ttaccattat tccagagatt cagtattaaa aaaaaaaaaa 1900
338 ttacactgtg gtagtggcat ttaaacaata taatatattc taaacacaat 1950
340 gaaataggga atataatgta tgaacttttt gcattggctt gaagcaatat 2000
342 aatatattgt aaacaaaaca cagctcttac ctaataaaca ttttatactg 2050
344 tttgtatgta taaaataaag'gtgctgcttt agttttttgg aaaaaaaaaa 2100
346 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggcgggcgc gactctagag 2150
349 tcgacctgca gaagcttggc cgccatggcc caacttgttt attgcagctt 2200
351 ataatg 2206

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353 <210> SEQ ID NO: 4

354 <211> LENGTH: 379

355 <212> TYPE: PRT

356 <213> ORGANISM: Homo Sapien

358 <400> SEQUENCE: 4

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363 20 25 30
365 Pro Gln Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala
366 35 40 45
368 Arg Val Leu Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu
369 50 55 60
371 Gly Lys Met Ala Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln
372 65 70 75
374 Arg Met Pro Ala Ile Pro Val Asn Ile His Ser Met Asn Phe Thr
375 80 85 90
377 Trp Gln Ala Ala Gly Gln Ala Glu Tyr Phe Tyr Glu Phe Leu Ser
378 95 100 105
380 Leu Arg Ser Leu Asp Lys Gly Ile Met Ala Asp Pro Thr Val Asn
381 110 115 120
383 Val Pro Leu Leu Gly Thr Val Pro His Lys Ala Ser Val Val Gln
384 125 130 135
386 Val Gly Phe Pro Cys Leu Gly Lys Gln Asp Gly Val Ala Ala Phe
387 140 145 150
389 Glu Val Asp Val Ile Val Met Asn Ser Glu Gly Asn Thr Ile Leu
390 155 160 165
392 Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr Cys Gln Gln Ala
393 170 175 180
395 Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys Asn Glu Arg
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/902,736

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L:2197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:4669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:5254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:6950 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:7130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:8526 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206
L:8528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206